



# VIDEX

The Power to Secure

## VX2200 Catalogue 2013



## The Company

Videx are one of the leading manufacturers of door entry and access control systems in the UK. Since its incorporation in 1985 Videx has rapidly expanded with products and services for both the private and public sectors. The company has a continuous research and development programme.



# VIDEX

## The Power to Secure

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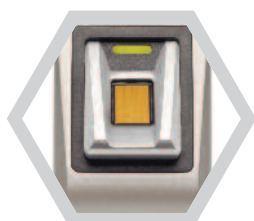
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# Introduction

Videx Security Ltd is a UK ISO 9001 company with offices in London and manufacturing facilities with modern purpose fitted factories in Newcastle upon Tyne.



Since 1985 Videx Security has been manufacturing, supplying and supporting the UK with Door Entry and Access Control equipment. Videx Security is now acknowledged as a market leader in product innovation and is unsurpassed for its product support.



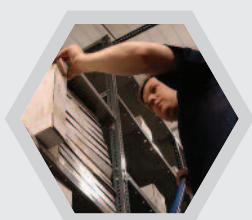
Distributors, installers and electrical wholesalers are supported by our team of Area Sales Managers. Telephone technical and sales support, special projects, 1st fix drawings and final connection drawings are all available from our highly skilled Newcastle offices where you will find friendly and helpful staff ready to help you with all aspects of door entry and access control.

General training and more site/system specific training is available from both our London and Newcastle offices. This can also be arranged to take place at the installer's premises when more than three people require training.

From concept to final commissioning, from an overview, door entry brief or tender document Videx is able to offer the most cost effective solution with comprehensive support through to completion. This may include some or all of the following:-

- Preparation of estimates
- 1st fix cable requirement drawings
- Final connection drawings
- Installation/product training
- Telephone technical help line
- Site assistance

## Our Customer Services



### Our Guarantee

Our products are covered by a full 2 year warranty. We guarantee to hold spares for our systems for a minimum of 10 years and we also offer a repair service regardless of product warranty.

### Product Builder CD

Putting you in control. Product Builder is a unique program allowing the creation of estimates including all support material and diagrams. It allows the comparison of systems based on price functionality and complexity.

### The Web Site - [www.videx-security.com](http://www.videx-security.com)

Our web site is a source of information, whether you are looking for ideas, brochures, technical manuals or datasheets quickly.

### Training

Our dedicated Training Manager is available for free bespoke training sessions in our fully equipped training rooms in both London and Newcastle or at a customers premises when there are more than three people.

### Technical Support

A team of engineers ready to take your call. Able to offer assistance with new and existing installations, offer bespoke wiring diagrams and where possible take control of the PC remotely to assist in programming and troubleshooting.

### Site Assistance

Where that extra bit of support is required we can attend site with the installation or maintenance engineers.

### Sales Support

From a general enquiry through to full system design.

### Production Facility

Our UK production facility allows the flexibility to create customer panels and cabinets to a supplied specification, while being able to complete to a given schedule.

### Order Processing

We hold high levels of stock to ensure we can turn your order around quickly. Orders for standard equipment will generally be despatched for next day delivery.

### Returns and Returns Department

Our friendly team will be able to assist you should you need to return an item for repair, with an advanced replacement service available.

# VR120 Vandal Resistant Entry



The **VR120** door panels (All 120mm wide) have CALL PROGRESS LEDs for "SPEAK", "DOOR OPEN" and "BUSY" along with distinct audio reassurance tones to assist the visitor. Buttons are IP68 rated with the option of a yellow bezel offering a high contrast to the fascia for DDA (Disability Discrimination Act) requirements.

All face plates are deep engraved with 6mm in-filled black characters to identify each button. Optional colours for specific applications can be specified along with custom logos.

The **VR120** face plates are attached to their back box with either 4 or 6 anti-vandal fixings depending on panel size and options. All face plates are fitted with a purpose manufactured neoprene seal to prevent the ingress of dust and liquid.

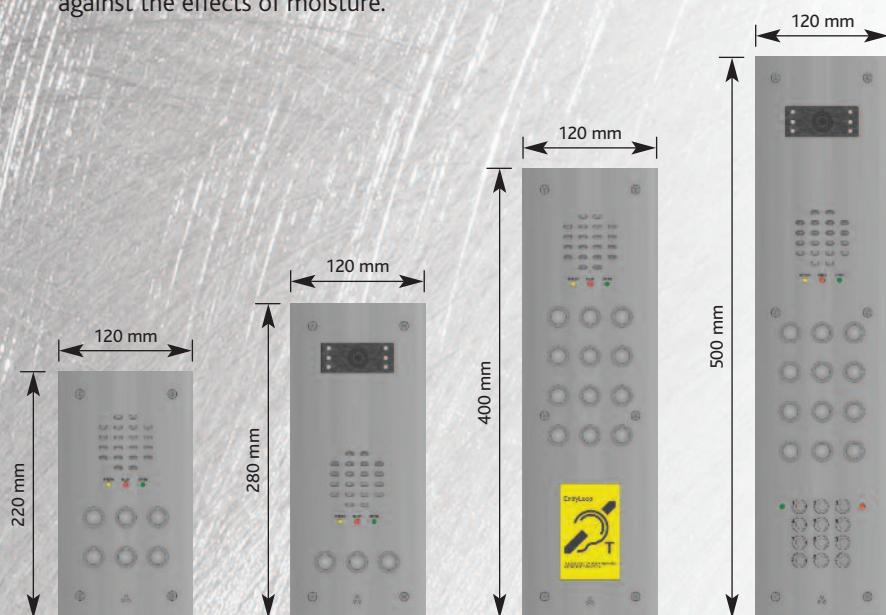
Audio amplifiers and microphones are protected with a fine offset stainless steel mesh to protect against vandalism. All speakers have Mylar cones to further protect against the effects of moisture.

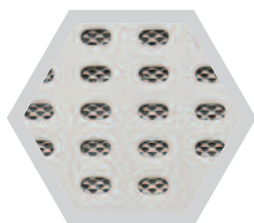
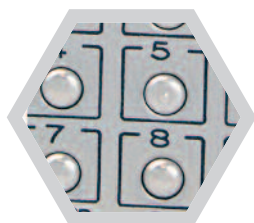
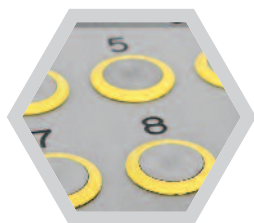
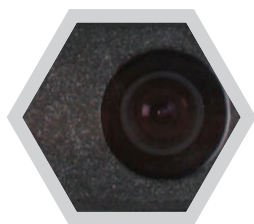
Full control of volume levels to the amplifier and the telephones can be adjusted independently at the amplifier module, as can additional features including speech time, lock release time, reassurance volume etc.

Flush boxes are standard. Stainless steel bezel flush boxes and surface with rain shield are also available across the range. Panels and back boxes can also be designed to specific dimensions.

## Features

- 12 Gauge stainless steel
- IP68 rated buttons with optional yellow bezel
- SPEAK, BUSY & OPEN call progress LED's
- Call progress reassurance tones
- Dry contact lock output
- Timed call, speech and lock release
- Speaker and microphone volume adjustments





### Panel sizes (Part No: VR120-n/138 where n = number of buttons)

Type Buttons	Audio	Video	Audio + Prox	Video + Prox	Audio + Codelock	Video + Codelock
1	120x220	120x280	120x280	120x400	120x280	120x400
2	120x220	120x280	120x280	120x400	120x280	120x400
3	120x220	120x280	120x280	120x400	120x280	120x400
4	120x220	120x400	120x280	120x400	120x400	120x500
5	120x220	120x400	120x280	120x400	120x400	120x500
6	120x220	120x400	120x280	120x400	120x400	120x500
7	120x280	120x400	120x400	120x500	120x400	120x500
8	120x280	120x400	120x400	120x500	120x400	120x500
9	120x280	120x400	120x400	120x500	120x400	120x500
10	120x280	120x400	120x400	120x500	120x400	120x500
11	120x280	120x400	120x400	120x500	120x400	120x500
12	120x280	120x400	120x400	120x500	120x400	120x500

### Box sizes

Panel Size Box	120x220	120x280	120x400	120x500
Flush	100x200x50 pn: VRFB120x220	100x260x50 pn: VRFB120x280	100x380x50 pn: VRFB120x400	100x480x50 pn: VRFB120x500
Flush Bezel	Bezel: 157x257 Box: 123x223x60 pn: VRBB120x220	Bezel: 157x317 Box: 123x283x60 pn: VRBB120x280	Bezel: 157x437 Box: 123x403x60 pn: VRBB120x400	Bezel: 157x537 Box: 123x503x60 pn: VRBB120x500
Surface	124x224x80 pn: VRSB120x220	124x284x80 pn: VRSB120x280	124x404x80 pn: VRSB120x400	124x504x80 pn: VRSB120x500

### Options

Colour video camera with day/night control and IR illumination  
 150° Colour wide angle camera with day/night control and IR  
 Wiegand proximity reader with reassurance LED's and tones  
 Vprox proximity reader with reassurance LED's and tones  
 PAC proximity reader  
 Proximity reader cut out for third party 40mm x 40mm readers  
 2 code 2 relay keypad (codes from 4-8 digits)  
 100 code 2 relay keypad (codes from 4-8 digits)  
 Induction coil for users with hearing aids  
 LCD display and voice annunciation call progress information  
 Yellow bezel buttons  
 Additional engraving and logos  
 Trade button

VIDPA/C  
 VIDPA/C/W  
 VRPP  
 VRVP  
 VRPAC  
 VRPH  
 VRCL1  
 VRCL100  
 VRIND  
 VRCPM  
 /Y  
 69E  
 +1 button

Special customer specific panel sizes are also available.

# VRDigital Vandal Resistant Entry

The **VRDigital** range is primarily used on larger systems with more than 20 apartments or offices.

Incorporating a telephone style keypad, a caller simply types in the apartment number to call. Both audible and visual instructions are given throughout the progress of a call by way of instructions on the back lit LCD display and spoken messages through the speaker.

Systems with up to 998 apartments, up to 10 main entrances, 15 blocks each with 10 entrances can easily be created using a bus cabling system.

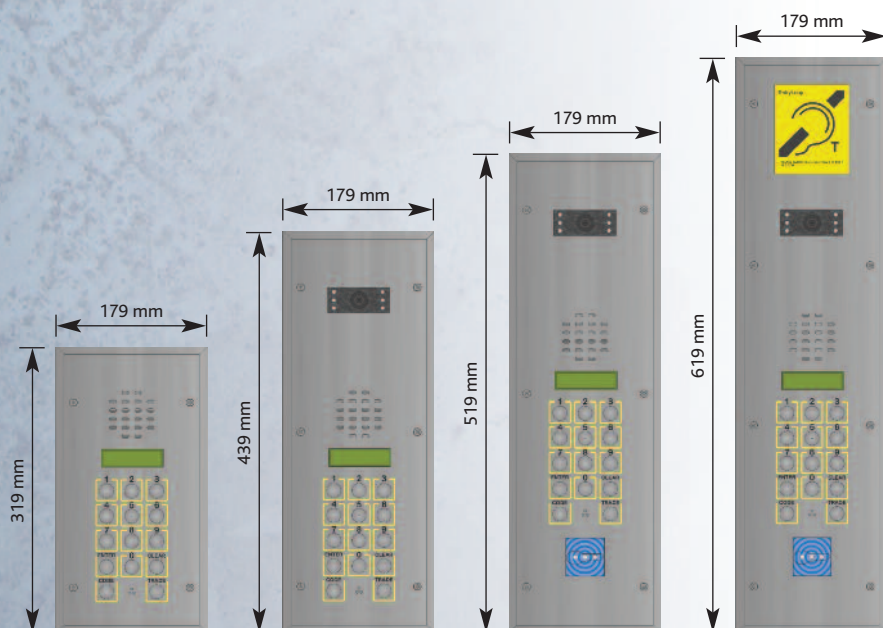
The numeric keypad incorporates black enamel numbering with yellow contrast rings to each button for the visually impaired. The keypad can further be expanded with alpha keys from A through to L if required.

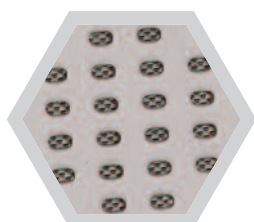
The 12 gauge stainless steel panels are available with flush stainless steel bezel back box as standard.

An optional surface box with rain shield is also available. Both audio and the video panels incorporate a 998 coded access facility allowing each tenant to have a unique 4-6 digit code. Optionally, a proximity reader can be incorporated as can an induction coil along with other options.

## Features

- 12 Gauge stainless steel
- Back lit LCD display
- Voice annunciation call progress
- Tactile keypad with yellow contrast
- Up to 998 apartments
- Bus cabling system



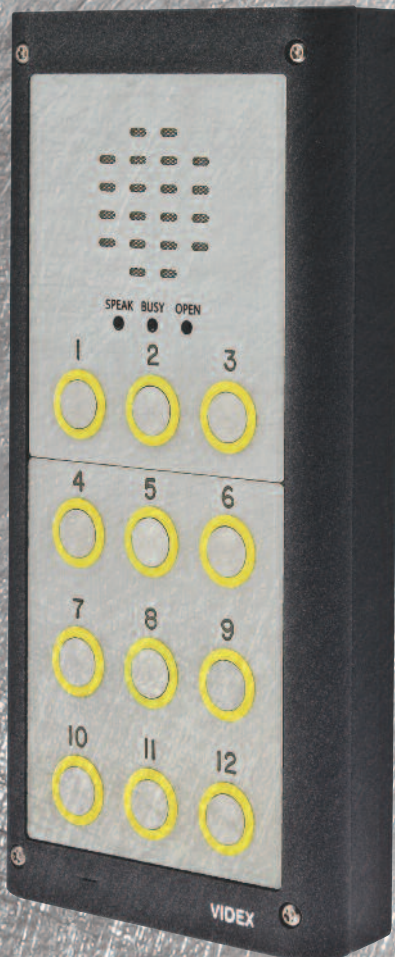


Options	Part No	Dimensions
Audio	SP300-1	Bezel: 179x319 Box: 143x283x80
Audio with Wiegand proximity reader	SP300-1/XPROX	Bezel: 179x439 Box: 143x403x80
Colour Video	SP301-1	Bezel: 179x439 Box: 143x403x80
Colour Video with Wiegand proximity reader	SP301-1/XPROX	Bezel: 179x519 Box: 143x483x80
Wide angle colour video (150°)	SP301-1/W	Bezel: 179x439 Box: 143x403x80
Wide angle colour video (150°) with Wiegand proximity reader	SP301-1/W/XPROX	Bezel: 179x519 Box: 143x483x80
Audio with Induction coil	SP300-1/IND	Bezel: 179x439 Box: 143x403x80
Colour video with induction coil	SP301-1/IND	Bezel: 179x519 Box: 143x483x80
Audio with induction coil and Wiegand proximity reader	SP300-1/IND/XPROX	Bezel: 179x519 Box: 143x483x80
Colour video with induction coil and proximity reader	SP301-1/IND/XPROX	Bezel: 179x619 Box: 143x583x80

Digital panels also available in the modular 4000 and 8000 Series.



# VR4K Vandal Resistant Entry



The introduction of the **VR4K Series** has been the natural progression of the **4K Series** into Vandal Resistant. This has greatly expanded the applications and flexibility of this range of equipment.

The **VR4K Series** uses the same die cast frames as the **4K Series** but incorporate a 12 gauge stainless steel face plate for the individual modules. These are attached to the frames to form an extremely strong panel assembly for use in harsher environments.

The **VR4K Series** has been widely specified and used in schools, hospitals, housing association properties, local authority properties and public buildings.

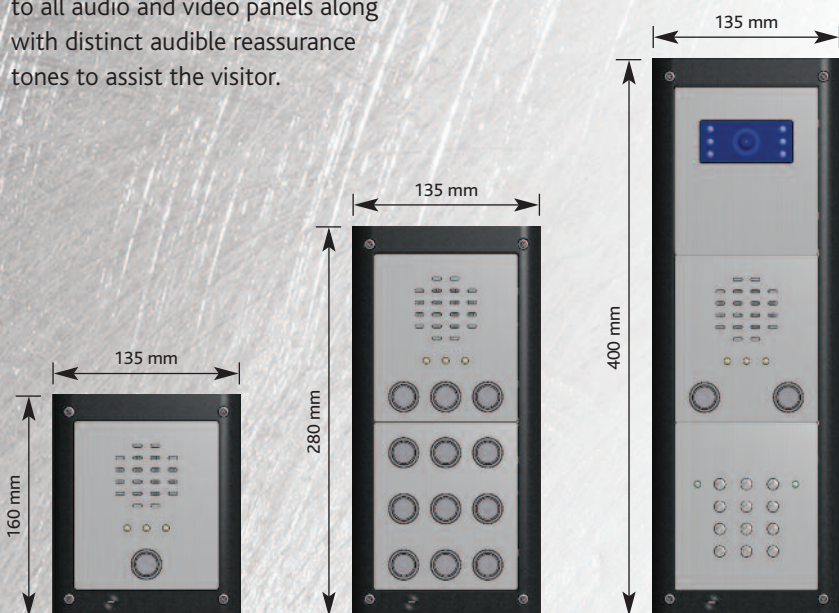
All door panel amplifier speakers and microphones are protected by offset stainless steel mesh and all push buttons are IP68 rated. Optional DDA (Disability Discrimination Act) push buttons with Yellow bezel can be specified on all the **VR4K Series**.

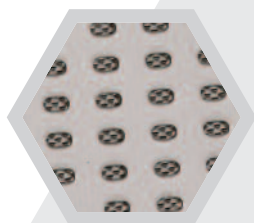
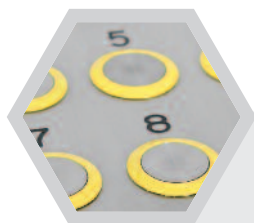
Call progress LEDs for "SPEAK", "OPEN" and "BUSY" are standard to all audio and video panels along with distinct audible reassurance tones to assist the visitor.

The full range of the **VR4K Series** and **4K Series** can be viewed at [www.videx-security.com](http://www.videx-security.com) or in the latest Videx General Catalogue.

## Features

- 12 Gauge stainless steel fascia
- Robust die cast alloy frame
- IP68 rated buttons with optional yellow bezel
- SPEAK, BUSY & OPEN call progress LED's
- Call progress reassurance tones
- Dry contact lock output
- Timed call, speech and lock release
- Speaker and microphone volume adjustments





### Panel sizes and Surface box sizes

Type Buttons	Audio	Video	Audio + Prox	Video + Prox	Audio + Codelock	Video + Codelock
1	135x160x44	135x280x44	135x280x44	135x400x44	135x280x44	135x400x44
2	135x160x44	135x280x44	135x280x44	135x400x44	135x280x44	135x400x44
3	135x160x44	135x280x44	135x280x44	135x400x44	135x280x44	135x400x44
4	135x280x44	135x400x44	135x400x44	270x280x44	135x400x44	270x280x44
5	135x280x44	135x400x44	135x400x44	270x280x44	135x400x44	270x280x44
6	135x280x44	135x400x44	135x400x44	270x280x44	135x400x44	270x280x44
7	135x280x44	135x400x44	135x400x44	270x280x44	135x400x44	270x280x44
8	135x280x44	135x400x44	135x400x44	270x280x44	135x400x44	270x280x44
9	135x280x44	135x400x44	135x400x44	270x280x44	135x400x44	270x280x44
10	135x280x44	135x400x44	135x400x44	270x280x44	135x400x44	270x280x44
11	135x280x44	135x400x44	135x400x44	270x280x44	135x400x44	270x280x44
12	135x280x44	135x400x44	135x400x44	270x280x44	135x400x44	270x280x44

### Flush box sizes

Type Buttons	Audio	Video	Audio + Prox	Video + Prox	Audio + Codelock	Video + Codelock
1	120x143x44	120x263x44	120x263x44	120x383x44	120x263x44	120x383x44
2	120x143x44	120x263x44	120x263x44	120x383x44	120x263x44	120x383x44
3	120x143x44	120x263x44	120x263x44	120x383x44	120x263x44	120x383x44
4	120x263x44	120x383x44	120x383x44	255x263x44	120x383x44	255x263x44
5	120x263x44	120x383x44	120x383x44	255x263x44	120x383x44	255x263x44
6	120x263x44	120x383x44	120x383x44	255x263x44	120x383x44	255x263x44
7	120x263x44	120x383x44	120x383x44	255x263x44	120x383x44	255x263x44
8	120x263x44	120x383x44	120x383x44	255x263x44	120x383x44	255x263x44
9	120x263x44	120x383x44	120x383x44	255x263x44	120x383x44	255x263x44
10	120x263x44	120x383x44	120x383x44	255x263x44	120x383x44	255x263x44
11	120x263x44	120x383x44	120x383x44	255x263x44	120x383x44	255x263x44
12	120x263x44	120x383x44	120x383x44	255x263x44	120x383x44	255x263x44

### Modules and Frames

Speaker module 0 buttons  
 Speaker module 2 buttons  
 Button module 4 buttons  
 Button module 6 buttons  
 Button module 8 buttons  
 Colour camera module  
 2 code, 2 relay keypad  
 Wiegand Proximity reader module  
 Induction coil module  
 1 module surface box  
 3 module surface box  
 1 module Flush box  
 3 module Flush box

**VR4KAM2W-0**  
**VR4KAM2W-2**  
**VR4KBM-4**  
**VR4KBM-6**  
**VR4KBM-8**  
**VR4KCMC**  
**VR4KCLM**  
**VR4KPP**  
**VR4KIND**  
**4881**  
**4883**  
**4851**  
**4853**

Speaker module 1 button  
 Speaker module 3 buttons  
 Button module 5 buttons  
 Button module 7 buttons  
 Button module 9 buttons  
 Colour camera module wide angle  
 100 code 2 relay keypad  
 Third party proximity cutout module  
 Vprox proximity reader module  
 2 module Surface box  
 4 module Surface box  
 2 module Flush box  
 Upgrade buttons to yellow bezel

**VR4KAM2W-1**  
**VR4KAM2W-3**  
**VR4KBM-5**  
**VR4KBM-7**  
**VR4KBM-9**  
**VR4KCMC/W**  
**VR4KCLM-100**  
**VR4KPROXM**  
**VR4KVPM**  
**4882**  
**4884**  
**4852**  
**/Y**

# VR4KNP Vandal Resistant Entry



A further enhancement to the VR4K range is the introduction of the **VR4KNP** modules. Now including back lit name plates, these vandal resistant modules are ideal for applications with a high turn over of occupants.

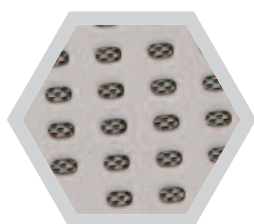
Benefiting from the same 12 gauge stainless steel fascia, the SPEAK, BUSY and OPEN LED's and vandal resistant IP68 buttons. The name plate inserts can only be changed from within the panel retaining the vandal resistance required of this type of panel. The name plate windows are also moulded from polycarbonate to withstand attack.

Being part of the VR4K series means this style can use any of the existing accessory modules already available.

## Features

- 12 Gauge stainless steel fascia
- Robust die cast alloy frame
- IP68 rated buttons with optional yellow bezel
- Back lit polycarbonate name windows
- SPEAK, BUSY & OPEN call progress LED's
- Call progress reassurance tones
- Dry contact lock output
- Timed call, speech and lock release
- Speaker and microphone volume adjustments





### Panel sizes and Surface box sizes

Type Buttons	Audio	Video	Audio + Prox	Video + Prox	Audio + Codelock	Video + Codelock
1	135x160x44	135x280x44	135x280x44	135x400x44	135x280x44	135x400x44
2	135x280x44	135x400x44	135x400x44	270x280x44	135x400x44	270x280x44
3	135x280x44	135x400x44	135x400x44	270x280x44	135x400x44	270x280x44
4	135x280x44	135x400x44	135x400x44	270x280x44	135x400x44	270x280x44
5	135x280x44	135x400x44	135x400x44	270x280x44	135x400x44	270x280x44
6	135x400x44	270x280x44	270x280x44	270x400x44	270x280x44	270x400x44
7	135x400x44	270x280x44	270x280x44	270x400x44	270x280x44	270x400x44
8	135x400x44	270x280x44	270x280x44	270x400x44	270x280x44	270x400x44
9	135x400x44	270x280x44	270x280x44	270x400x44	270x280x44	270x400x44
10	270x280x44	270x400x44	270x400x44	270x400x44	270x400x44	270x400x44
11	270x280x44	270x400x44	270x400x44	270x400x44	270x400x44	270x400x44
12	270x280x44	270x400x44	270x400x44	270x400x44	270x400x44	270x400x44

### Flush box sizes

Type Buttons	Audio	Video	Audio + Prox	Video + Prox	Audio + Codelock	Video + Codelock
1	120x143x44	120x263x44	120x263x44	120x383x44	120x263x44	120x383x44
2	120x263x44	120x383x44	120x383x44	255x263x44	120x383x44	255x263x44
3	120x263x44	120x383x44	120x383x44	255x263x44	120x383x44	255x263x44
4	120x263x44	120x383x44	120x383x44	255x263x44	120x383x44	255x263x44
5	120x263x44	120x383x44	120x383x44	255x263x44	120x383x44	255x263x44
6	120x383x44	255x263x44	255x263x44	255x383x44	255x263x44	255x383x44
7	120x383x44	255x263x44	255x263x44	255x383x44	255x263x44	255x383x44
8	120x383x44	255x263x44	255x263x44	255x383x44	255x263x44	255x383x44
9	120x383x44	255x263x44	255x263x44	255x383x44	255x263x44	255x383x44
10	255x263x44	255x383x44	255x383x44	255x383x44	255x383x44	255x383x44
11	255x263x44	255x383x44	255x383x44	255x383x44	255x383x44	255x383x44
12	255x263x44	255x383x44	255x383x44	255x383x44	255x383x44	255x383x44

### Modules and Frames

Speaker module 0 buttons  
 Button module 2 buttons  
 Button module 4 buttons  
 Colour camera module wide angle  
 100 code 2 relay keypad  
 Third party proximity cut out module  
 Vprox proximity reader module  
 2 module Surface box  
 4 module Surface box  
 2 module Flush box  
 Upgrade buttons to yellow bezel

VR4KAM2W-0  
 VR4KBM-2NP  
 VR4KBM-4NP  
 VR4KCMC/W  
 VR4KCLM-100  
 VR4KPROXM  
 VR4KVPM  
 4882  
 4884  
 4852  
 /Y

Speaker module 1 button  
 Button module 3 buttons  
 Colour camera module  
 2 code, 2 relay keypad  
 Wiegand Proximity reader module  
 Induction coil module  
 1 module surface box  
 3 module surface box  
 1 module Flush box  
 3 module Flush box

VR4KAM2W-1NP  
 VR4KBM-3NP  
 VR4KCMC  
 VR4KCLM  
 VR4KPP  
 VR4KIND  
 4881  
 4883  
 4851  
 4853

# 3000 Series Audio Telephones



An extensive range of Videx modern telephone handset units to suit all applications. Manufactured in white impact resistant ABS plastic, all models have a user selectable 3 position call tone volume control and replaceable plug-in telephone handset cord.

The range begins with a standard telephone (**3171**) having a door release button and spare dry contact service button.

The (**3172**) introduces a slide mute switch to enable the tenant to switch the telephone off when they do not wish to be disturbed.

As a result of recommendations from many local authorities and housing associations the (**3176**) has been designed. It integrates all the features required in these sometimes demanding environments. Features include a large lock release button which is a different shape and size to, and separated from, the privacy switch button to avoid accidental operation when pressing buttons. A green door open LED is standard.

The privacy button is timed with selectable times from 15 minutes through to 16 hours. A red privacy active LED indicates at a glance that the telephone is switched off and will not receive calls. Privacy will either automatically switch off after the programmed time or can be manually switched off at anytime.

## Options and Features

- Desk kit
- Privacy of speech and lock release
- Induction coil
- Green door open LED
- Red privacy LED
- Fixed or timed privacy  
15 minutes – 16 hours
- Concierge call back facility
- Local door bell input
- Alarm input to signal event to concierge

*A desk kit (**3038**) is available to accompany the 3000 Series.*



## Models

Standard telephone	<b>3171</b>
Including slide mute switch	<b>3172</b>
Including timed privacy + LED's	<b>3176</b>

## Accessories

Desk kit	<b>3038</b>
Induction coil	<b>INDCOIL</b>

## 3600 Series Colour Videophones



A recent introduction to the colour videophone range, two distinct variants are available. Both are manufactured in white impact resistant ABS plastic, all have replaceable handset cords and incorporate a high quality 3.5" colour LCD TFT display.

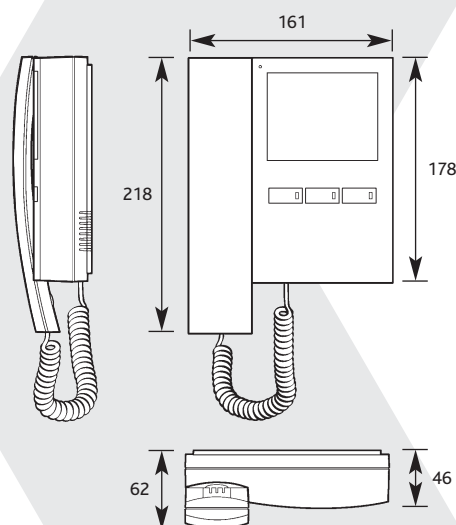
The base version (**3676**) offers all the features normally requested in the local authority and housing markets including timed privacy (15 minutes to 16 hours selectable), red privacy LED, green door open LED, privacy of speech and selective lock release. Additionally it includes call tone volume and melody selection, number of rings, camera recall, local door bell, alarm inputs and a service button. The video input can be either coax or balanced twisted pair. Both colour and brightness adjustments are available to the user.

The enhanced version (**3678**) includes all the features above plus offers "hands free" speech and push

to talk option allowing calls to be answered without lifting the handset. Programmable options using the "OSD" (On Screen Display) functionality make customisation of features available to the user.

### Options and Features

- Desk kit
- Handsfree speech
- On screen information and programming
- Privacy of speech and lock release
- Induction coil
- Door open LED
- Red privacy LED
- Timed privacy 15 minutes – 16 hours
- Concierge call back facility
- Local door bell input
- Alarm input to signal event to concierge



*A desk kit (**36931**) is also available to accompany this videophone.*



### Models

Standard colour videophone	<b>3676</b>
Including hands free speech	<b>3678</b>

### Accessories

Desk kit	<b>36931</b>
Induction coil	<b>INDCOIL</b>
Mounting plate	<b>5980</b>

# 6000 Series Colour Videophone



Videx low cost intelligent videophone (**6072**) for use on the VX2200 range of video door entry systems.

Low profile surface mounting with high definition 2.5" colour active matrix LCD monitor and 4 recessed user buttons for door open, camera recall and 2 ancillary service push buttons.

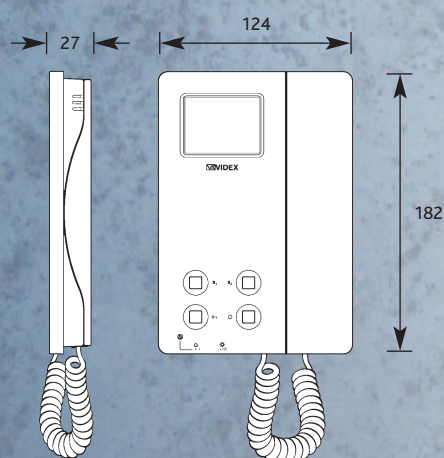
Manufactured in white ABS impact resistant plastic, the units have a two position call tone volume switch with a privacy on/off position and LED indication.

Adjustments are available for microphone volume, picture hue contrast and brightness.

## Options and Features

- Desk kit
- Privacy of speech and lock release
- Door open LED
- Red privacy LED
- Fixed privacy
- Concierge call back facility
- Local door bell input
- Alarm input to signal event to concierge

*A desk kit (**6931**) is also available to accompany this videophone.*



## Models

Standard videophone **6072**

## Accessories

Desk kit **6931**

# 5000 Series Audio Apartment Stations



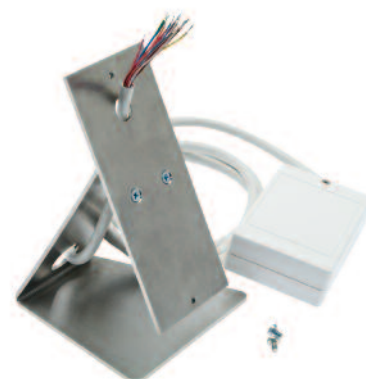
Videx's 5000 SERIES ECLIPSE is a range of contemporary compact designed surface mount apartment stations manufactured in impact resistant ABS plastic and available in WHITE, SILVER and CARBON FIBRE effect. A flush mount vandal resistant stainless steel version is also available.

Incorporating the latest developments in hands free speech and including a simplex speech option which can easily be selected during a call. Features include timed privacy, red privacy on LED, door open LED to accompany the large door open button and a spare service button. Speech and call volume can both be adjusted from the button options available.

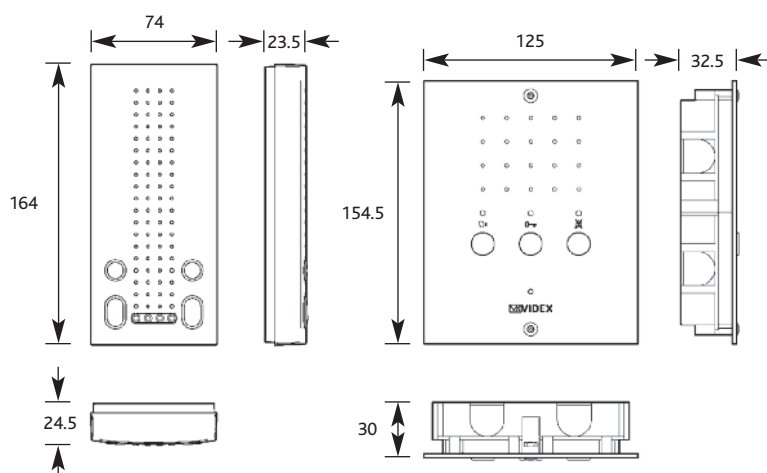
The vandal resistant version consists of a 12 gauge stainless steel fascia with metal buttons fitted to a flush back box. Both dry line (plaster) and solid wall boxes are available. A truly robust solution for the harshest of environments.

## Options and Features

- Desk kit
- Privacy of speech and lock release
- Door open LED
- Red privacy LED
- Timed privacy 15 minutes – 16 hours
- Concierge call back facility
- Local door bell input
- Alarm input to signal event to concierge



*A desk kit (5138) is available to accompany the standard apartment station.*



## Models

White ABS surface	5178
Silver ABS surface	5178/CR
Carbon fibre effect ABS surface	5178/CA
Vandal resistant flush stainless steel	VR5178

## Accessories

Desk kit for standard version	5138
Plasterboard wall box for VR version	VR983

# 5000 Series Video Monitors



A comprehensive range of modern high specification functional colour video monitors, manufactured in impact resistant ABS plastic, available in WHITE, SILVER and CARBON FIBRE effect. The range includes low profile surface and flush fitting options and all employ 3.5" high quality colour LCD TFT displays which show on screen user information for programming and call progress. 6 large user friendly buttons are standard, as is user selectable hands-free or simplex speech along with user selected timed privacy with LED and door open LED.

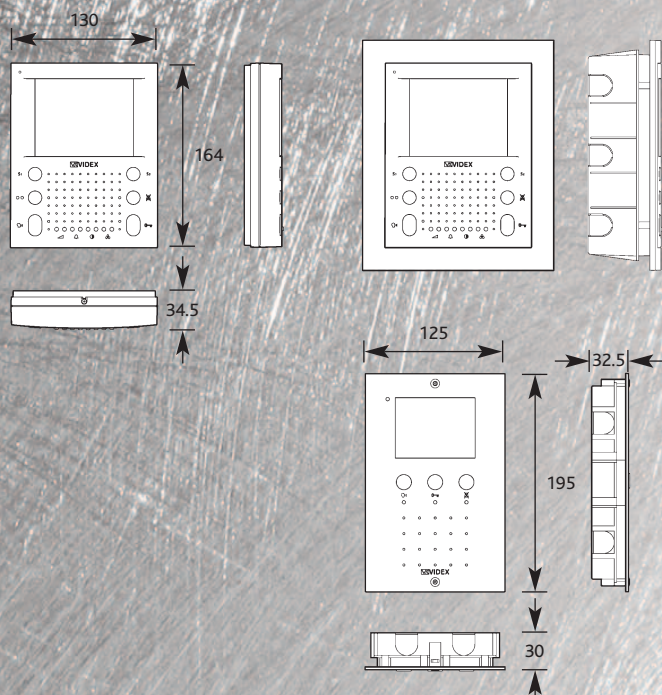
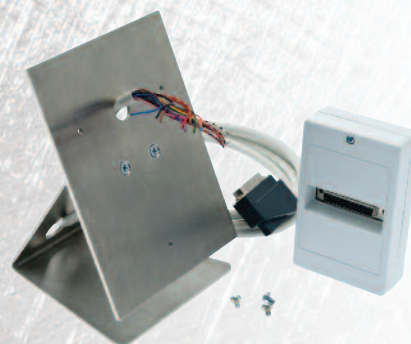
A vandal resistant version is also available and consists of a 12 gauge stainless steel fascia with metal buttons fitted to a flush back box.

Both dry line (plaster) and solid wall boxes are available. A truly robust solution for the harshest of environments.

## Options and Features

- Desk kit
- Privacy of speech and lock release
- Door open LED
- Red privacy LED
- Timed privacy 15 minutes – 16 hours
- Concierge call back facility
- Local door bell input
- Alarm input to signal event to concierge

*A desk kit (5931) is available to accompany the standard surface video monitor.*



## Models

White ABS surface	SL5478
Silver ABS surface	SL5478/CR
Carbon fibre effect ABS surface	SL5478/CA
Vandal resistant flush stainless steel	VR5478

## Accessories

Desk kit	5931
Flush mount box (plasterboard wall)	5983N
Flush mount box (solid wall)	5981N
Plasterboard box for VR version	VRV983

# Kristallo Apartment Stations and Telephones



The latest range of modern high specification compact design low profile surface telephones or flush and surface apartment stations.

Available in either white or black, all have crystal smooth surfaces and are ideally suited to the higher end of the market such as prestigious office blocks and apartments.

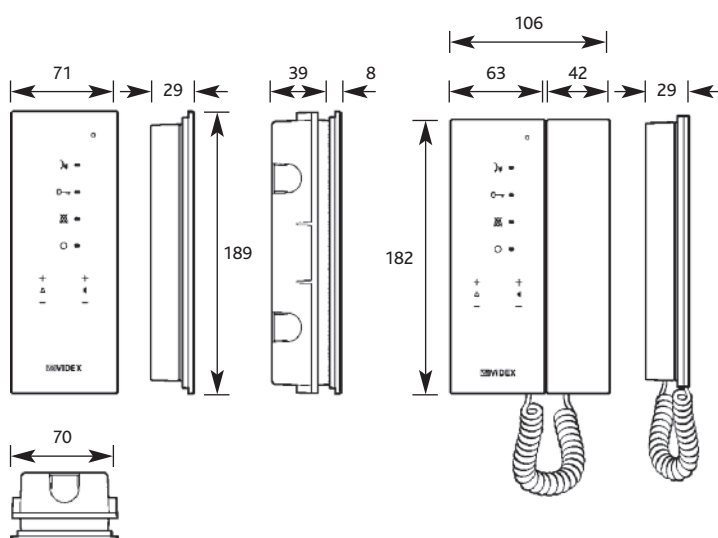
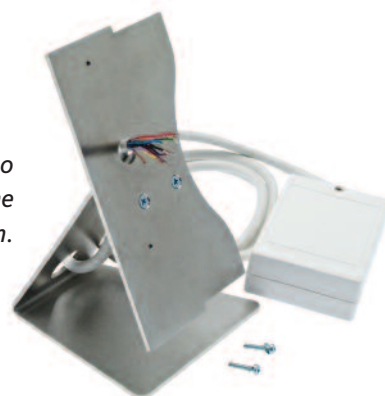
Whether a telephone handset or apartment station, both models employ "touch sensitive" technology and all can be user selected to operate in "hands free" mode.

All versions include a door open LED. Advanced programmable options include timed privacy with LED, call tone melodies, call tone volume, number of rings and speech volume.

## Options and Features

- Desk kit
- Hands free speech
- Touch sensitive controls
- Privacy of speech and lock release
- Door open LED
- Privacy LED
- Timed privacy 15 minutes – 16 hours
- Concierge call back facility
- Local door bell input
- Alarm input to signal event to concierge

*A desk kit (KRA038) is also available to accompany the telephone version.*



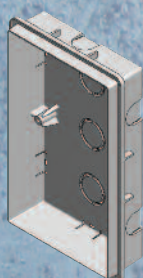
## Models

White apartment station	KRA78W
Black apartment station	KRA78B
White telephone	KRA76W
Black telephone	KRA76B

## Accessories

Desk kit for telephone version	KRA038
Flush mount box (plasterboard wall)	KRA983
Flush mount box (solid wall)	KRA981

# Kristallo Video Monitors and Videophones



The latest range of Videx modern high specification compact designed low profile surface mount videophones or flush and surface mounting video monitors.

Available in either white or black all have crystal smooth surfaces, 3.5" colour LCD TFT display with OSD (On Screen Display) call progress information and programming menus. Whether surface or flush, both models employ "touch sensitive" technology and all can be user selected to operate in "hands free half duplex", "simplex" or "full duplex with a telephone handset. All versions include a door open monitoring LED. Advanced programmable options include timed privacy with LED, call tone melodies, call tone volume, number of rings and speech volume.

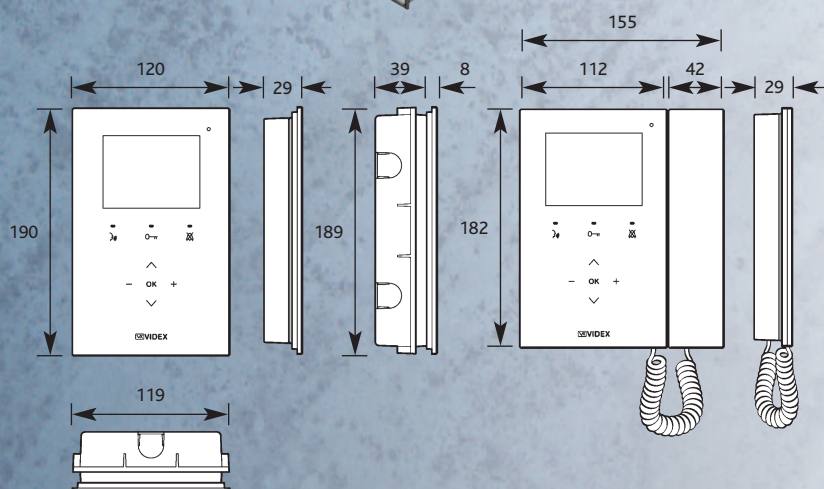
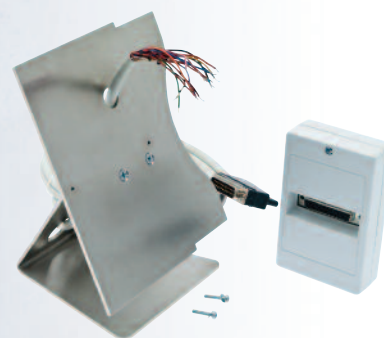
Picture and video clip record is an optional extra to this range,

allowing a caller's image or short video to be recorded and played back. Images can be stored to a MicroSD card for export to other devices. This can be manually or automatically activated allowing the user to view their visitors and see who has called.

## Options and Features

- Desk kit
- Privacy of speech and lock release
- Door open LED
- Red privacy LED
- Timed privacy 15 minutes – 16 hours
- Concierge call back facility
- Local door bell input
- Alarm input to signal event to concierge

*A desk kit (KRV931) is available to accompany the videophone version.*



## Models

- White video monitor
- Black video monitor
- White videophone
- Black videophone

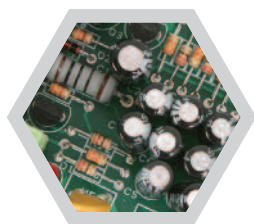
- KRV78W
- KRV78B
- KRV76W
- KRV76B

## Accessories

- Desk kit for videophone version
- Flush mount box (plasterboard wall)
- Flush mount box (solid wall)
- Memory video

- KRV931
- KRV983
- KRV981
- /MV

## VX2200 Audio and Video Door Entry



The flagship product of Videx has proved itself over the past 10 years for its durability and reliability through its continued development. It employs the latest digital technology with features designed specifically for the more advanced door entry market.

It is one of the UK's most flexible and versatile door entry products. Accommodating anything from a single button modular door panel up to a multiple entry, multiple level, 998 apartment colour video system. Employing vandal resistant main entrance panels, modular functional or digital sub entrances and everything in-between.

The simplicity of this system is its strength, often requiring only 2 wires for audio and six wires for video Coax can be used where long video runs are required.

Starting from a 1 way door panel with conventional 13.8 volt power supply, the VX2200 system will

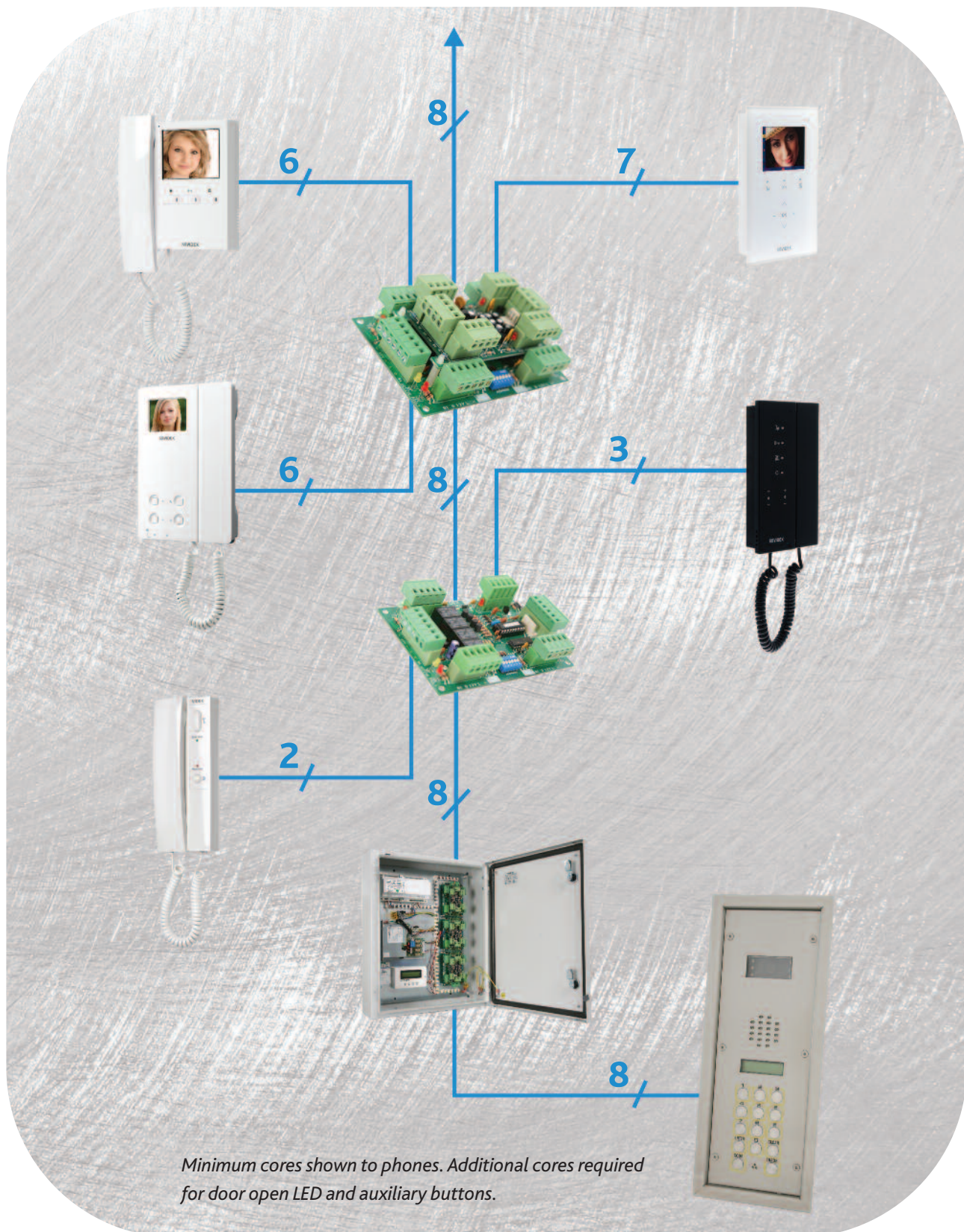
expand using multiple button modular or vandal resistant door panels, control units employing full system isolation for both audio and video, BST/GMT time clock and switched mode power supply with battery back-up.

Using the same control unit, with or without additional isolation, the door panels and apartment units can be any of the options presented in this brochure.

The VX2200 is used and specified extensively within the private sectors. Local authorities and housing associations specify and install VX2200 with full line isolation because of its ease of installation and reliability as well as its flexibility and design features which have been integrated for both the user and the installer alike.



## VX2200 Audio and Video Door Entry



# VX2200 Audio and Video Door Entry

## Apartment Isolation

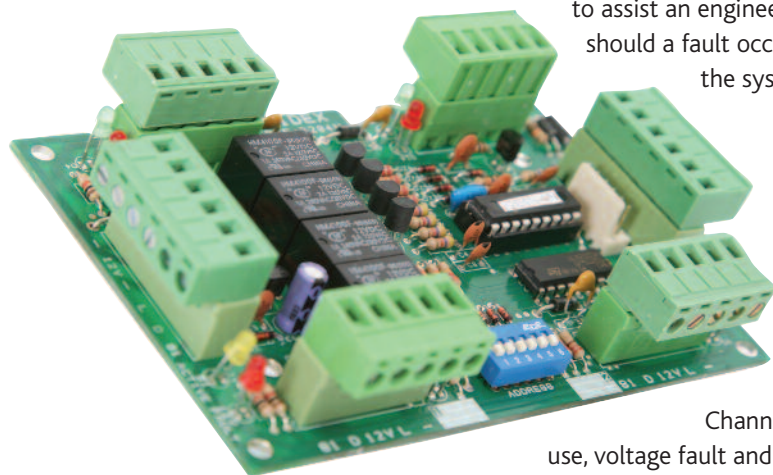
A common requirement of local authority and housing association, apartment isolation simplifies fault finding while adding an extra layer of protection to a system. In

the event of a fault within an apartment, or the wiring to an apartment the line isolation will ensure that only one apartment is affected allowing the

remaining apartments on the systems to function as normal.

The VX2200 uses optional 4 apartment audio isolation cards and for video systems a piggy back board serves to protect the additional cables required for video, both saving space and simplifying connections.

Each card includes 10 LED's to assist an engineer should a fault occur on the system.



Channel in use, voltage fault and bus fault conditions are all signalled. To further assist the engineer all connections are plug type to allow simple swap out while testing.

The cards are designed to be either distributed around the building or contained in a control cabinet in one or more locations.

## DDA (Disability Discrimination Act)

The VX2200 has many DDA features including:-

**LCD displays** - for the hard of hearing. This can help guide them through the call and inform them when the door has been released.

**Voice annunciation** - a useful feature for the visually impaired which verbally announces the message displayed on the LCD display.

**Induction coil** - available for the telephone handsets and the door panels. They are used by hearing aid wearers to inductively pick up the sounds and conversation from the system.

**Strobe lights** - used in an apartment to visually signal that the intercom telephone is ringing.

**Telephone interface** - enables a conventional telephone in an apartment to be used on the intercom system. Very useful especially when the conventional telephone has already been adapted to a user's special needs.

**High contrast buttons** - standard on the digital panels and optional on all others.

# VX2200 System

## Control Equipment

The control equipment follows a modular approach, allowing cabinets to be built to suit the application. All of the following

options are available for the VX2200 system which include some ready made control cabinets for the most popular configurations.

Options	Part No
Digital BST/GMT time clock with 6 programmable on/off periods, 12V operation, 3 months battery back up, back lit LCD display and trade button input.	701T
4 Entrance video switching PCB. Expandable with additional PCB's. LED indication of camera live.	VX123N
Door monitoring PCB, with dry contact relay output, input for normally closed door contact and input for valid door opening. Programmable settings for delay time, run time and relay operation.	SP35
3Amp 13.8Vdc switched mode power supply with battery charge facility.	PSU-3R
4Amp 13.8Vdc switched mode power supply with battery charge, deep battery discharge protection and four way fused fan out connections. All outputs include healthy green LED indicator.	G13804NUV/FS
4 apartment isolation PCB with fully isolated outputs and LED indication of in use and faults. All connections are plug in type for ease of installation.	2204N
4 way balanced video splitter.	316I
4 way composite video splitter.	894I
20Vdc 1A surge, 800mA continuous video power supply.	893N
Block exchange device for multiple block systems. One required per block. Also used to enable systems of more than 180 apartments. Includes both bus and video switching.	2206N
Remote relay and exit button input PCB. For higher security applications.	2213
Remote relay, exit button input and event logger. Combines the remote relay and exit button input functionality with an event logger capable of logging all events in non-volatile memory. Supplied with USB lead and PC software to download events.	2214

Control cabinets	Part No
1 Entrance audio control cabinet c/w time clock and 3A 13.8Vdc PSU	SP400
4 Entrance audio control cabinet c/w time clock and 4A 13.8Vdc PSU	SP405
1 Entrance video control cabinet complete with time clock, video power supply and 3A 13.8Vdc PSU	SP410
4 Entrance video control cabinet complete with time clock, video power supply, video switching PCB and 4A 13.8Vdc PSU	SP415
Empty prewired lockable control cabinet 265mm x 360mm x 75mm	CAB2/PRE
Empty prewired lockable control cabinet 455mm x 360mm x 75mm	CAB1/PRE
Empty prewired lockable IP55 control cabinet 300mm x 300mm x 150mm	ST3315/PRE
Empty prewired lockable IP55 control cabinet 400mm x 500mm x 150mm	ST4-515E/PRE
Empty prewired lockable IP65 control cabinet 500mm x 600mm x 150mm	ST5-615/PRE

## VX2200 Accessories



### Fireman switches

Drop key fireman switch	FS/DK
Drop key	FSK/DK
Crescent key fireman switch	FS/CK
Crescent key	FSK/CK

### Exit buttons

Flush stainless steel with large green dome button	SPB004F
Large 85mm diameter button	EBPP02
Stainless steel standard button	SP80

### Breakglass

Resettable green break glass	SP86/G
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### Combined break glass and exit button

Double pole break glass with change over exit button	DU-GB/PTE
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### High quality lock releases

Mortice 12Vdc (power to unlock)	201N
Monitored mortice 12Vdc (power to unlock)	203N
Mortice 12Vdc (power to lock)	204N
Monitored mortice 12Vdc (power to lock)	206N

### Mag locks

Standard 1200lb 12/24Vdc monitored	82N/M
Z & L bracket set for standard mag lock	90N
Mini monitored	87N/M
Z & L bracket set for mini mag lock	91N

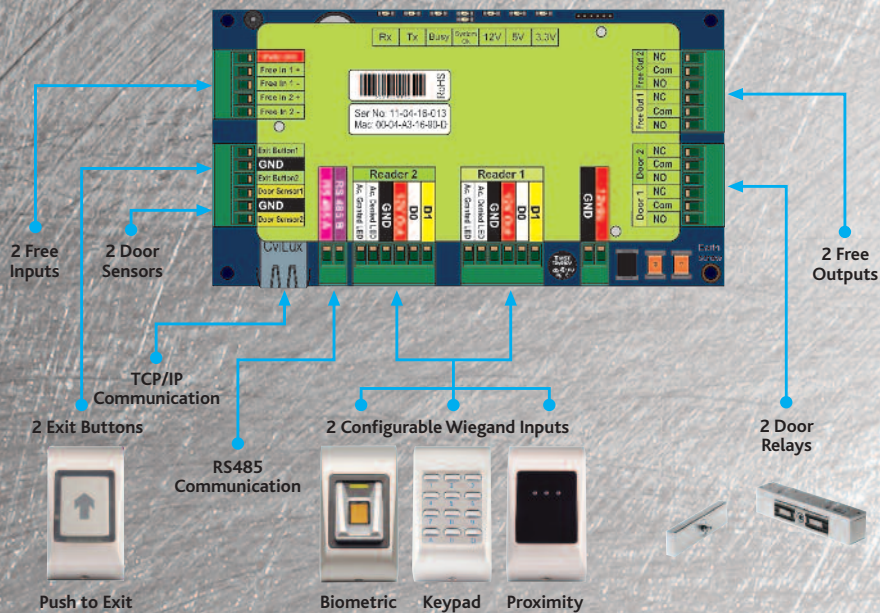
### Apartment accessories

Extension sounder	512D
Extension strobe light	ES/2
Conventional telephone interface adaptor	2280
Conventional telephone interface (requires 2280)	380N

### General accessories

Universal relay	506
Timed universal relay	506T
Audio concierge	2210A
Colour video concierge	2210V/C
Digital door panel programming software	SP37
PC Concierge software	SP38

# Portal Plus Access Control



The Portal Plus is a networkable access control system with Windows based programming and management software with support for up to 15000 users and unlimited entrances. It allows greater flexibility in the design and installation of an access control system having a modular design and facilities for proximity, bio access and coded access readers.



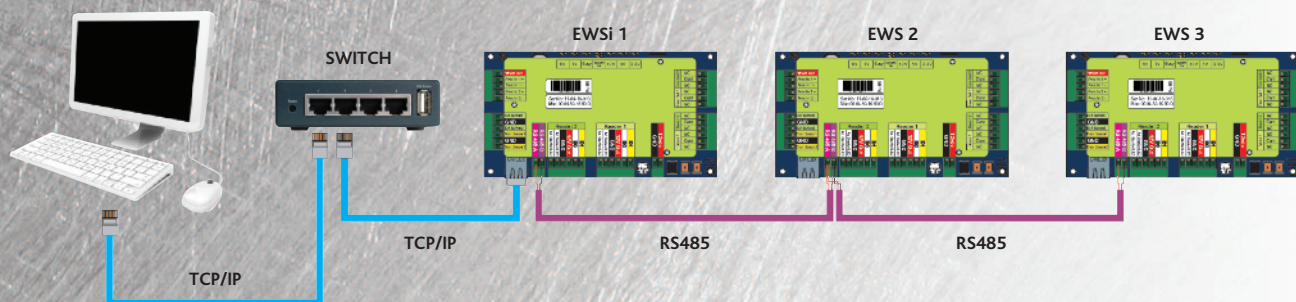
A range of readers is available including an industry standard panel mount reader for integration into door entry systems.

Based on 2 door controllers (available with or without integral 3.5A switched mode power supply) and including an RS485 bus that will link up-to 62 doors (31 controllers) up to 1km. Additionally, an optional integral Ethernet connection (TCP/IP) is available allowing controllers to be connected to an existing LAN or WAN with the potential expansion to unlimited doors and unlimited



distances. The integration of door monitoring, push to exit button inputs, free inputs, free outputs and 16 status LED's all help make this a simple to install yet extremely flexible system.

The system also benefits from distributed intelligence, allowing the systems to continue functioning even during times of network problems. Both anti pass back and mantrap options are available as standard as are free inputs and outputs that can be programmed as per an installation or user requirement.



## Contacts and Direct Dial Numbers

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